



Safety Data Sheet

EmulThix™

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: EmulThix™

INCI Name: Sodium Polyacrylate, Dimethicone, Cyclopentasiloxane, Trideceth-6, PEG/PPG-18/18 Dimethicone

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Not Applicable

Hazard Classification: This substance does not meet the criteria for dangerous or hazardous

Hazard Category: Non-classified

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Other Hazards: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Sodium Polyacrylate	Not classified	9003-04-7	≥ 20.0 - ≤ 29.0%
Decamethylcyclopentasiloxane	Not classified	541-02-6	≥ 7.0 - ≤ 10.0%
Ethoxylated branched C11-14, C13-rich alcohols	Not classified	78330-21-9	≥ 3.0 - ≤ 4.0%

Additional Information: Chemical Nature: Organic compound emulsion.
This product is a mixture.



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Section 4: First Aid Measures

General Info: If potential for exposure exists, refer to Section 8 for specific personal protective equipment.

Notable Exposure symptoms: Aside from information found in this section, any additional important symptoms and effects are described in Section 11: Toxicology Information.

If ingested: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

If inhaled: Move person to fresh air and keep comfortable for breathing; consult a physician.

Eye contact: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Skin contact: Wash off with plenty of water.

Section 5: Fire Fighting Measures

General Info: Flash Point (Tag Closed Cup): > 93.3 °C (199.9 °F).

Advice for Firefighters: Use water spray to cool unopened containers. Evacuate area. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Contain fire water run-off if possible. Fire water run-off, if not contained, may cause environmental damage. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Remove undamaged containers from fire area if it is safe to do so.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: Carbon oxides. Silocon oxides.

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Remove all sources of ignition. Material can create slippery conditions. Follow safe handling advice and personal protective equipment recommendations.

Environmental Precautions: Do not release the product to the aquatic environment above defined regulatory levels. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.



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Containment Equipment and

Cleanup Procedures: Soak up with inert absorbent material. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. See sections 7, 8, 11, 12 and 13.

Section 7: Handling and Storage

Safe Handling Precautions: Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. Monomer vapors can be evolved when material is heated during processing operations. See Section 8, for types of ventilation required. Containers may be hazardous when empty. Since emptied containers retain product residue; follow all MSDS and label warnings even after the container is emptied. Use only with adequate ventilation. See Engineering measures under Section 8.

Recommendations for Storage: Keep in properly labeled containers. Store in accordance with the particular national regulations. Do not store near strong oxidizing agents.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.

Section 8: Exposure Control / Personal Protection

Control Parameters: Sodium Polyacrylate - TWA Respirable Fraction - 0.5 mg/m³
Decamethylcyclopentasiloxane - TWA - 10 ppm

General / Engineering

Controls: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Wear chemically resistant gloves (Nitrile, NBR, EVAL, Latex or PVA).

Body Protection: Use protective clothing chemically resistant, such as boots, apron or full body suit will depend on the task.



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Respiratory Protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator. The following should be effective for types of air-purifying respirators: Organic vapor cartridge.

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Section 9: Physical and Chemical Properties

Physical State: Liquid

Appearance: Viscous

Color: White to yellow

Odor: Characteristic

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: 100 °C (212 °F)

Flash Point: Tag Closed Cup: > 93.3 °C (199.9 °F)

Auto-ignition Temperature: No data available

Decomposition Temperature: No data available

Evaporation Rate: No data available

Vapor Pressure: No data available

Explosive Limits: Not explosive

Relative Density: 1.11

Specific Gravity: No data available

Water Solubility: No data available

Dynamic Viscosity (cP): 2,000 mPa.s

Explosion Properties: None

Oxidizing Properties: Not classified

Partition coefficient: Not available

Other information: None available



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Section 10: Stability and Reactivity

Reactivity: Not classified as a reactivity hazard.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous

Reactions: Can react with strong oxidizing agents. Vapors may form explosive mixtures with air.

Conditions to Avoid: None known.

Incompatible Materials: Avoid contact with oxidizing materials.

Hazardous Decomposition

Products: Acrylates. Formaldehyde.

Section 11: Toxicological Information

Toxicological information appears in this section when such data is available. Information in this section is observed from historical data.

Acute Oral Toxicity: Very low toxicity if swallowed. Swallowing may result in gastrointestinal irritation. May cause nausea and vomiting.
As product: Single dose oral LD50 has not been determined.

Based on information for component(s):
LD50, Rat, > 5,000 mg/kg Estimated.

Sodium Polyacrylate: LD50, Rat, > 5,000 mg/kg

Decamethylcyclopentasiloxane: LD50, Rat, > 24, 134 mg/kg

Ethoxylated branched C11-14, C13-rich alcohols: Acute toxicity estimate, 500 mg/kg Expert judgement

Acute Dermal Toxicity: Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Based on information for component(s):
LD50, Rabbit, > 2,000 mg/kg

Sodium Polyacrylate: LD50, Rat, > 2,000 mg/kg

Decamethylcyclopentasiloxane: LD50, Rat, male and female, 2,000 mg/kg, No deaths occurred at this concentration.

Ethoxylated branched C11-14, C13-rich alcohols: The dermal LD50 has not been determined.

Acute Inhalation Toxicity: Brief exposure (minutes) is not likely to cause adverse effects. Vapor from heated material may cause respiratory irritation.

Skin Corrosion/Irritation: Based on information for component(s): Prolonged contact may cause slight skin irritation with local redness. Material may stick to skin causing irritation upon removal.



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Eye Damage/ Eye Irritation: For similar material(s): May cause slight temporary eye irritation. Corneal injury is unlikely.

Sensitization: Did not cause allergic skin reactions when tested in humans.
For respiratory sensitization: No relevant data found.

STOT- SE: Evaluation of available data suggests that this material and components are not STOT-SE toxicants.

STOT-RE: Based on available data for the components, repeated exposures are not anticipated to cause adverse effects.

Aspiration Hazard: Based on the physical properties, the product and components are not likely to be an aspiration hazard.

Carcinogenicity: Results from a 2 year repeated vapor inhalation exposure study to rats of decamethylcyclopentasiloxane (D5) indicate effects (uterine endometrial tumors) in female animals. This finding occurred at the highest exposure dose (160 ppm) only. Studies to date have not demonstrated if this effect occurs through a pathway that is relevant to humans. No other relevant data observed for the remaining components.

Teratogenicity: Contains component(s) which did not cause birth defects or any other fetal effects in lab animals.

Reproductive Toxicity: Contains component(s) which did not interfere with reproduction in animal studies.

Mutagenicity: In vitro genetic toxicity studies were negative for component(s) tested. Genetic toxicity studies in animals were negative for component(s) tested.



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Section 12: Ecological Information

Ecotoxicological information appears in this section when such data is available.

Information in this section is observed from historical data.

Toxicity: Sodium Polyacrylate: Acute toxicity to fish - Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 > 100 mg/L in the most sensitive species tested). LC50, Fish, 96 hr, > 100 mg/L. Acute toxicity to aquatic invertebrates: EC50, Daphnia magna (Water flea), 48 hr, > 100 mg/l.

Decamethylcyclopentasiloxane: Acute toxicity to fish - Not expected to be acutely toxic to aquatic organisms. No toxicity at the limit of solubility. LC50, Oncorhynchus mykiss (rainbow trout), 96 hr, > 16 ug/l, OECD Test Guideline 204 or Equivalent. Acute toxicity to aquatic invertebrates: No toxicity at the limit of solubility. EC50, Daphnia magna, 48 hr, > 2.9 mg/l, OECD Test Guideline 202 or Equivalent. Acute toxicity to algae/aquatic plants - No toxicity at the limit of solubility. ErC50, Pseudokirchneriella subcapitata (green algae), 96 hr, Growth rate, > 0.012 mg/l. No toxicity at the limit of solubility. NOEC, Pseudokirchneriella subcapitata (green algae), 96 hr, Growth rate, 0.012 mg/l. Chronic toxicity to fish: No toxicity at the limit of solubility. LC50, Oncorhynchus mykiss (rainbow trout), 14 d, > 16 mg/l. No toxicity at the limit of solubility. NOEC, Oncorhynchus mykiss (rainbow trout), 45 d, ≥ 0.017 mg/l. No toxicity at the limit of solubility. NOEC, Oncorhynchus mykiss (rainbow trout), 90 d, ≥ 0.014 mg/l. Chronic toxicity to aquatic invertebrates: NOEC, Daphnia magna, 21 d, 0.015 mg/kg. Toxicity to soil-dwelling organisms: This product does not have any known or adverse effect on the soil organisms tested.

Ethoxylated branched C11-14, C13-rich alcohols: Acute toxicity to fish: Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in the most sensitive species tested). Based on available data from similar materials. LC50, Oncorhynchus mykiss (rainbow trout), 96 hr, 5.6 mg/l. Acute toxicity to aquatic invertebrates: Based on data from similar materials, EC50, Daphnia magna (Water flea), 48 hr, > 1 - 10 mg/l. Chronic toxicity to algae/aquatic plants: Based on data from similar materials, EC50, 96 hr, > 1 - 10 mg/l. Chronic toxicity to fish: Based on data from similar materials, NOEC, Lepomis macrochirus (Bluegill sunfish), 30 d, > 0.33 mg/l. Chronic toxicity to aquatic invertebrates: Based on data from similar materials, NOEC, Daphnia magna (Water flea), 21 d, 0.77 mg/l



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Toxicity: Sodium Polyacrylate: Acute toxicity to fish - Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 > 100 mg/L in the most sensitive species tested). LC50, Fish, 96 hr, > 100 mg/L. Acute toxicity to aquatic invertebrates: EC50, Daphnia magna (Water flea), 48 hr, > 100 mg/l.

Decamethylcyclopentasiloxane: Acute toxicity to fish - Not expected to be acutely toxic to aquatic organisms. No toxicity at the limit of solubility. LC50, Oncorhynchus mykiss (rainbow trout), 96 hr, > 16 ug/l, OECD Test Guideline 204 or Equivalent. Acute toxicity to aquatic invertebrates: No toxicity at the limit of solubility. EC50, Daphnia magna, 48 hr, > 2.9 mg/l, OECD Test Guideline 202 or Equivalent. Acute toxicity to algae/aquatic plants - No toxicity at the limit of solubility. ErC50, Pseudokirchneriella subcapitata (green algae), 96 hr, Growth rate, > 0.012 mg/l. No toxicity at the limit of solubility. NOEC, Pseudokirchneriella subcapitata (green algae), 96 hr, Growth rate, 0.012 mg/l. Chronic toxicity to fish: No toxicity at the limit of solubility. LC50, Oncorhynchus mykiss (rainbow trout), 14 d, > 16 mg/l. No toxicity at the limit of solubility. NOEC, Oncorhynchus mykiss (rainbow trout), 45 d, ≥ 0.017 mg/l. No toxicity at the limit of solubility. NOEC, Oncorhynchus mykiss (rainbow trout), 90 d, ≥ 0.014 mg/l. Chronic toxicity to aquatic invertebrates: NOEC, Daphnia magna, 21 d, 0.015 mg/kg. Toxicity to soil-dwelling organisms: This product does not have any known or adverse effect on the soil organisms tested.

Ethoxylated branched C11-14, C13-rich alcohols: Acute toxicity to fish: Material is moderately toxic to aquatic organisms on an acute basis (LC50/EC50 between 1 and 10 mg/L in the most sensitive species tested). Based on available data from similar materials. LC50, Oncorhynchus mykiss (rainbow trout), 96 hr, 5.6 mg/l. Acute toxicity to aquatic invertebrates: Based on data from similar materials, EC50, Daphnia magna (Water flea), 48 hr, > 1 - 10 mg/l. Chronic toxicity to algae/aquatic plants: Based on data from similar materials, EC50, 96 hr, > 1 - 10 mg/l. Chronic toxicity to fish: Based on data from similar materials, NOEC, Lepomis macrochirus (Bluegill sunfish), 30 d, > 0.33 mg/l. Chronic toxicity to aquatic invertebrates: Based on data from similar materials, NOEC, Daphnia magna (Water flea), 21 d, 0.77 mg/l

Persistence and Degradability: Sodium Polyacrylate: Biodegradability: no relevant data found.

Decamethylcyclopentasiloxane: Biodegradability: Material is expected to biodegrade very slowly (in the environment). Fails to pass OECD/EEC tests for ready biodegradability. 10-day Window: Not applicable. Biodegradation: 0.14%. Exposure time: 28 d. Method: OECD Test Guideline 310. Photodegradation: Test Type: Half-life (indirect photolysis). Sensitization: OH radicals. Atmospheric half-life: 7.15 d. Method: Estimated.

Ethoxylated Branched C11-14, C13-rich alcohols: Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Based on data from similar materials. Biodegradation: 95%. Exposure time: 28 d. Method: OECD Test Guideline 301F.

Bioaccumulative Potential: Sodium Polyacrylate: No relevant data found.

Decamethylcyclopentasiloxane: Bioaccumulation: Bioconcentration potential is moderate (BCF between 100 and 3000 or Log Pow between 3 and 5). Partition coefficient: n-octanol/water (log Pow): 5.2 Measured. Bioconcentration factor (BCF): 2,010 Fish, Estimated.



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Mobility in Soil: Sodium Polyacrylate: No relevant data found.

Decamethylcyclopentasiloxane: Partition coefficient (Koc): > 5,000 estimated.

Ethoxylated branched C11-14, C13-rich alcohols: Partition coefficient (Koc): 5649 Estimated.

Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations.

Container disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other considerations: No further information.

Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

SARA 311/312: No SARA Hazards.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Pennsylvania RtK: The following chemicals are listed because of the additional requirements of Pennsylvania Law.

Components	CASRN
Water	7732-18-5
Sodium Polyacrylate	9003-04-7
Siloxanes and silicones, dimethyl	93148-62-9
Decamethylcyclopentasiloxane	541-02-6
Ethoxylated branched C11-14, C13-rich alcohols	78330-21-9



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California Prop 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

United States TSCA Inventory: All components of this product are in compliance with TSCA Inventory.

Section 16: Other Information

Indication of Changes: Version 1.1 created July 1, 2021

Hazard Rating System: NFPA

Health: 0 Flammability: 1 Instability: 0

HMIS

Health: 0 Flammability: 1 Physical Hazard: 0

List of Relevant R-phrases: Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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